

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 8-12 and 14-19 are allowed.
2. The following is an examiner's statement of reasons for allowance: The prior art of record either in single or in combination failed to anticipate or render obvious the limitations of a silicon interposer mounted on a semiconductor device or layer in combination with the other claim limitations as required by claims 8, 14 and 17.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANGEL ROMAN whose telephone number is (571)272-6369. The examiner can normally be reached on IFP Mo-Fr 9am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles D Garber can be reached on (571) 272-2194. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANGEL ROMAN Jr./  
Primary Examiner, Art Unit 2812